

**ABSTRACT****~~METHOD AND DEVICE FOR DETERMINING THE RELATIVE  
POSITION OF TWO POINTS~~**

The invention relates to a method for determining the relative position of a mobile in relation to the known position of a reference station. The relative position calculation comprises the steps ~~consisting in~~ of : - a) choosing a linear combination of satellite transmission frequencies L1 and L2 from a predetermined list comprising at least two linear combinations of frequencies, - b) calculating a precise relative position Pp of the mobile in relation to the reference station on the basis of the linear combinations of pseudo-ranges corresponding to ~~said~~ the linear combination and an estimated position Pe of the mobile in relation to the reference station, -c) choosing from the list the following linear combination, if it exists, and, in this case, reiterating step b), considering the estimated position to be said precise position Pp, -d) reiterating step c) for all the linear combinations in the list.

~~Figure 3~~